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CXC - 1036  
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7 November 1960

MEMORANDUM FOR : Chief, Development Branch, DPD-DD/P  
SUBJECT : CXCART Special Equipment Building  
Requirements For [REDACTED]

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1. The building to house all special equipment activities and processing facilities must have approximately nine to ten thousand square feet of floor space and be dust free and air conditioned. Details and building requirements are as follows for your information and guidance:

A. Loading Areas:

(1) Two loading areas must be provided. Each loading area must be capable of accepting the forward portion of an A-12. Each area must be deep enough to adequately clear the aft Q-bay bulkhead when doors are closed around the aircraft.

(2) Both loading areas must have permanent drains for washing the A-12 and floors of the area to keep dust and dirt at a minimum.

B. Maintenance and Storage Areas:

(1) Environment temperature must be maintained in all areas other than film storage at 70°F plus or minus 5°F.

(2) Humidity must be maintained at 50% RH, plus or minus 5%.

(3) Dust and dirt control: Positive pressure must be maintained throughout the complete building to include loading areas and pressure must be 1/8 to 1/4 pounds. It is desired to maintain cleanliness of the building in such a manner that all particles of dust and dirt greater than 25 microns are removed.

DOCUMENT NO. \_\_\_\_\_  
NO CHANGE IN CLASS. ☒  
☐ DECLASSIFIED  
CLASS. CHANGED TO: TS S G  
NEXT REVIEW DATE: 2012  
AUTH: HR 10-2  
DATE: 11/17/2008 PER: 064540/

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(4) **Lighting:** Incandescent lights will be installed in all areas except offices, analysis rooms and A-12 loading areas. These areas may be equipped with fluorescent lighting.

(5) **Floors:** All floors other than A-12 loading areas will be asphalt or rubber tile floors.

(6) **Walls and ceilings:** All walls and ceilings will be of a smooth hard finish. There will be no windows in any part of the building.

**C. Film Storage Areas:**

- (1) Temperature - 50°F plus or minus 5°F.
- (2) Humidity - 50% RH plus or minus 5%.
- (3) Dust and dirt control - same as for maintenance and storage areas.

2. It is felt that a filter system composed of Cambridge Aerosolve 35 filters or equal ahead of the air conditioner and Cambridge Aerosolve 85 filters or equal after the air conditioner will be adequate to satisfy the dirt and dust requirements outlined above.

3. The attached layout showing loading, maintenance, processing areas and film storage is satisfactory if we are to have three camera contractors occupying the building at the same time. It is felt that this may be an unsatisfactory arrangement and require too many people. Although each contractor is going to insist on maintaining their own equipment, consideration might be given to having one contractor maintain the equipments for all three, that is, Perkin-Elmer tech reps would maintain both Eastman-Kodak and Autometrics equipments as well as their own.

4. It is requested that the Development Branch be given guidance on which approach to take concerning contractor tech reps for the special equipments section. If one contractor is to maintain all equipments, it would be desirable to change the attached floor plan.

5. Since considerable processing will be done in this facility, it is highly recommended that a project man be placed in charge of the special equipments section to supervise and direct all activities in support of operations. It is recommended this be a military man, Major, AFSC, 2316, photographic and cartographic officer.

SIGNED

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